

PAYDIN, D.M.

I-4

USSR/Chemical Technology - Chemical Products and Their
Application. Pesticides

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2323

Author : Paydin, D.M., Shabanova, M.P., Gamper, N.M., Yefimova, L.F.

Inst : All-Union Institute of Plant Protection

Title : Insecticidal Properties of Diethyl-(Ethylmercapto)-Ethyl-
Dithiophosphate (Preparation M-74).

Orig Pub : Tr. Vses. in-ta zashchity rast., No 7, 78-86

Abstract : O,O-diethyl-S-(beta-ethylmercaptoethyl)-dithiophosphate
(M-74) induces 95-100% mortality of the bugs Eurygaster
integriceps Put. (EI), at a concentration of $5 \cdot 10^{-4}\%$,
of mealybugs Pseudococcus mortimus Ehrh., at a concentra-
tion of $5 \cdot 10^{-3}\%$; thiophos -- at concentration of $5 \cdot 10^{-3}$
and $2.5 \cdot 10^{-2}$, respectively, and mercaptophos at concentra-
tion above $5 \cdot 10^{-2}$ and $1.5 \cdot 10^{-2}\%$. Treatment of wheat

Card 1/2

SAMOYLOV, V.; PAYEVSKIY, V.

Payments into the budget from profit deductions. Fin.SSSR 20
no.4:69-73 Ap '59. (MIRA 12:6)
(Russia—Industries) (Taxation)

ZAŁĘSKI, Tadeusz; PAYGERT, Irena

Staphylococcal cerebrospinal meningitis. Pediat. pol. 37 no.7:677-685
Jl '62.

1. Z Kliniki Terapii Chorob Dzieci AM w Warszawie Kierownik: prof.
dr med. H. Brokman.

(STAPHYLOCOCCAL INFECTIONS in inf & child)
(MENINGITIS inf & child)

PAYKACHEV, Yu.S.; PROLOV, S.S.; YERMOLAYEVA, Ye.A.; Prinimala uchastiye
DROZDOVA, T.A.

Preparation of colored products based on polystyrene. Plast.
massy no.8:11-13 '63. (MIRA 16:8)

(Styrene polymers) (Pigments)

L 8904-66 EWT(d)/EWT(m)/EWP(c)/EWA(d)/EWP(v)/T/EWP(t)/EWP(r)/EWP(z)/EWP(h)
ACC NR: AP5026218 EWP(1)/EWA(c)/ETC(m) SOURCE CODE: UR/0381/65/000/004/0065/0077

JD/WM/HM

AUTHOR: Paykhan, A. Z.; Yermolov, I. N.

ORG: Ural Branch, ORGRES (Ural'skoye otdeleniye ORGRES); TsNIITMASH

TITLE: Determination of the optimum sensitivity of the ultrasonic defectoscope and the norm governing the evaluation of the quality of welded joints

SOURCE: Defektoskopiya, no. 4, 1965, 65-77

TOPIC TAGS: weld defect, ultrasonic inspection, weld evaluation, microwave spectroscopy, statistical process, probability, game theory, decision theory, quality control, signal processing

ABSTRACT: The authors discuss a method for processing experimental data, in the form of ultrasonic defectoscopic information, which can be used to determine the sensitivity best for the defectoscope and the norms for evaluating the quality, or states, of welded joints. They experimentally confirm the possibility of applying the theory of statistical decisions to the ultrasonic inspection of welded seams of steam pipes. The current method for determining defectoscope sensitivity, which is based on the comparison of the data of ultrasonic inspection with the results of large-scale gross examinations of the portions where defects have been ultrasonically observed, is unsatisfactory because false rejections occur and the kinds and number of defects remain

UDC: 620.179.16; 2

Card 1/2

L 8904-66

ACC NR: AP5026218

unclearified; also, the initially lower weld quality causes excessive rejects and forces subsequent lowering of the sensitivity of control. The authors discuss another approach to the choice of sensitivity, namely as a problem of selecting the optimum system for processing input signals from the viewpoint of statistical decision theory. The operator, who in viewing the signals on the indicator screen tries to ascertain whether they were caused by the action of noise (reflections from admissible interruptions in the continuity, structural obstacles) or contain a useful signal from intolerable defects, must either make a decision or not make one regarding the presence of a defect. The authors make a thorough logical analysis of all the possible states of the tested object, the possible output signals, the possible decisions based on them, and the corresponding probability densities of these various states. The risks, payoffs, tradeoffs, and other value functions are computed in terms of these probabilities to determine the optimum sensitivity and norms to be selected. The theoretical results are applied with some success to an experimental situation involving welded seams of steam pipes (Instruktsiya po ul'trazvukovoy kontrolyu kachestva soyedineniy truboprovodov iz uglerodistykh i nizkolegirovannykh staley [Instructions on the Ultrasonic Inspection of the Quality of Pipes Made of Carbon and Low-Alloy Steels], 2d edition, Moscow, Organergostroy, 1962). Orig. art. has: 7 figures, 2 tables, 13 formulas.

SUB CODE: 13,11/

SUBM DATE: 20Apr65/

ORIG REF: 010/

OTH REF: 000

CC
Card 2/2

ELYASHMAN, G.D.; MAYER, A.R.

Automatic machine for machining axis ends.
Gen. natl.-int. inst. mach. i. tekhn. inf.

PAWLUK, W.

41 cases of Wolff-Parkinson-White syndrome. Clinical and electrocardiographic analysis. Kardiol. pol. 6 no.1:41-47 '63.

1. Z Oddziału Chorob Wewnętrznych Szpitala Wojskowego Ordynator:
dr J. Bielewicz i z Miejskiego Gabinetu Ekg w Szczecinie
Kierownik: dr W. Pawluk.

(WOLFF-PARKINSON-WHITE SYNDROME)
(ELECTROCARDIOGRAPHY)

PAWLUK, Witold

Graves-Basedow disease associated with diabetes. Effective surgical treatment. Case report. Polski tygod. lek. 15 no. 34: 1314-1315 22 Ag '60.

1. Z Oddziału Wewnętrznej Szpitala Wojakowego w Szczecinie; lek med. J. Bielewicz.

(HYPERTHYROIDISM case reports)

(DIABETES MELLITUS case reports)

PAWLUK, Witold

Paget-Schroetter syndrome (effort thrombosis of the subclavin and axillary veins) Polski tygod. lek. 15 no.47:1808-1811 21 N '60.

1. Z Oddzialu Choro6 Wewnetrznych Szpitala Wojskowego w Szczecinie.

(THROMBOSIS case reports) (SUBCLAVIN VEIN dis)
(AXILLARY VEIN dis)

PAWLUKIEWICZ, Stanislaw (Szczecin, ul. W. Zielenszyk)

Congenital hydronephrosis in infants. Polski tygod. lek. 12 no.46:
1777-1782 18 Nov 57.

1. Z Oddziału Chirurgii Dziecięcej Szpitala Wojewódzkiego Specjalistycznego
Dziecięcego w Szczecinie; ordynator: dr St. Pawlukiewicz,
(HYDRONEPHROSIS, in infant and child,
congen. (Pol))

PAWLUKIEWICZ. Stanislaw

Observations on the treatment of fractures of the clavicle in children. Polski przegl. chir. 26 no.11:1013-1022 Nov 54.

1. Z Oddziału Chirurgiczno-Ortopedycznego Kliniki Pediatricznej P.A.M. w Szczecinie. Kierownik: prof. dr B.Gornicki, Kierownik Oddziału: dr med. B.Drescher, z Ambulatorium i Oddz. Chirurg. Ortoped. Szpitala Woj. Specjalist. Dziecięcego. Ordynator: dr St.Pawlukiewicz.

(FRACTURES,

clavicle, in child., ther.)

(CLAVICLE, fractures,

in child., ther.)

PAWLUKIEWICZ, Stanislaw

Double penis and megalo-ureter. Polski przegl.chir. 31 no.11:
1227-1230 H '59.

1. Z oddzialu Chirurgii Dzieciecej Miejskiego Szpitala Dzieciecego
w Szczecinie Ordynator: dr St. Pawlukiewicz.
(URETERS abnorm)
(PENIS abnorm)

SAGAN, Zygmunt; OLSZEWSKA, Irena; PAWLUS, Mieczysław

Research on phytoagglutinin from the seeds of *Lotus tetragonolobus* L. and some other plants. Acta pol. pharm. 20 no.1:83-88 '63.

1. Z Zakładu Medycyny Sadowej Pomorskiej Akademii Medycznej w Szczecinie Kierownik: prof. dr J.Z. Walczyński i z Katedry Szczegółowej Uprawy Roślin Wyższej Szkoły Rolniczej w Szczecinie Kierownik: prof. dr Z. Mackiewicz.

(PLANT AGGLUTININS) (SEEDS) (HEMAGGLUTINATION)
(BLOOD GROUPS)

PAWLUS, Witold

Stabilization of properties of largely elongated spheroidal
cast iron. Wiad naft 9 no.10:227-228 0 '63.

PAWLUS, Witold

The industrial utilization of spheroid cast iron in drilling machinery.
(To be contd.) Wiad naft 7 no.1:14-19 Ja '61. (KEAI 10:5)
(Cast iron) (Boring machinery)

PAWLIS, W.; TYCZYNSKI, J.

Problems of materials for the construction of drilling machinery and tools. p.42

Nafta. (Instytut Naftowy)
Krakow, Poland. Vol.5, no.2, Feb.1959

Monthly List of East European Accessions Index, (EEAI) LC, Vol.8, no.6
June 1959
Uncl.

PAWLUS, Witold

Cast-iron founding applied in the production of boring
machinery. Wiad naft 8 no.9:208-212 S '62.

PAWLUS, Witold

Technical progress in producing nonferrous metal castings
for drilling machinery and installations. Wiad naft 9 no.9:
203-205 S '63.

PAXINO, Gh., elev (Sinaia)

Propounded problems; 5198. Gaz mat B 13 no.3:173 Mr '62.

PAYAREVA, E. N.

USSR/Cultivated Plants - Technical, Oleaginous, Sacchariferous. 11-7

Abs Jour : Ref Zhur - Biol., No 9, 1958, 39463

Author : Payareva, E.N.

Inst : -

Title : The Influence of Transplanting on the Growth and Development of Tobacco.

Orig Pub : Khabarsk. sb. Krasnodar, "Sov. Kuban'", 1957, 212-220.

Abstract : Vegetative experiments in vessels with black-earth soil taken from fields sowed with alfalfa three years old, conducted in All-Union Science-Research Institute of Tobacco and "Kalkorka" (Nicotiana rustica) in 1941-1944, with six tobacco varieties showed that the transplanting of tobacco seedlings is a factor causing an inhibition of growth during the first half of vegetation and a prolongation of the plant's vernalization stage. The plants had sparser growth and development and were more productive without transplanting. A great importance of the use of post-

Card 1/2

SEN'KO, L.S., inzh.; NIKITIN, V.D., inzh.; PAYAL'NIKOV, A.N., tekhnik

Driving a haulage drift at a rate of 815 m a month. Shakht.
stroil. 7 no.6s20-23 Je '63. (MIRA 16:7)

1. Shakhta No.3/3-bis Prokop'yevskogo tresta ugol'noy promysh-
lennosti kombinata Kuzbassugol' Ministerstva ugol'noy promysh-
lennosti SSSR.

(Kuznetsk Basin—Mining engineering)

SEN'KO, L.S., inzh.; NIKITIN, V.D., inzh.; TOMASHEVSKIY, L.P., inzh.;
PAYAL'NIKOV, A.N., teknik

Rapid making of a two-lane haulageway in the Kuznetsk Basin. Shakht.
stroil. 6 no.12:14-17 D '62. (MIRA 16:5)

1. Shakhta No.3/3-bis Prokop'yevskogo tresta ugol'noy promyshlennosti
kombinata Kuzbassugol' Ministerstva ugol'noy promyshlennosti SSSR.
(Kusnetsk Basin--Tunneling)

ATLAVINITE, O.P. [Atlavinyte, O.]; PAYARSKAYTE, A.I. [Pajarskaite, A.]

Effect of erosion on earthworms (Lumbricidae) during the
vegetative period of plants. Zool.zhur. 41 no.11:1631-1636
N '62. (MIRA 16:1)

1. Institute of Zoology and Parasitology, Lithuanian Academy
of Sciences, and Lithuanian Research Institute of Agriculture,
Vilnius.

(Lithuania--Earthworms)

(Lithuania--Erosion)

ATLAVINITE, O.P., PAYARSKAYTE, A.I.

Soil erosion and its influence on earthworms.

Report to be submitted for the 16th International Congress of Zoology
Washington, D.C., 20-27 August 63

L 65241-65 EWT(1)/EWT(m)/EWP(i)/T/EWP(b)/EWA(h)/EWP(e) IJP(c) AT/WH

ACCESSION NR: AP5012593

UR/0181/65/007/005/1538/1590

AUTHOR: Kolomiyets, B. T.; Payanova, L.; Shtourach, L.

TITLE: On the thermal conductivity of semiconductor chalcogenide glasses

SOURCE: Fizika tverdogo tela, v. 7, no. 5, 1965, 1588-1590

TOPIC TAGS: glass property, thermal conductivity, semiconductor material

ABSTRACT: This is claimed to be the first investigation of this subject. The tests were first made on As_2S_3 and As_2Se_3 binary glasses and their solid solutions, synthesized by the method described earlier by one of the authors (Kolomiyets, with B. V. Pavlov, collection "Stekloobraznoye sostoyaniye" [The Vitreous State], AN SSSR, 1960). The thermal conductivity was investigated by a stationary method proposed by Ye. D. Devyatkova and L. S. Stil'bans (ZhTF v. 22, 968, 1952). The measurements were made in a vacuum better than 10^{-3} mm Hg in the temperature interval 130--320K. The results show that the thermal conductivity of As_2Se_3 varies like T^{-1} in the crystalline state, but for the vitreous state it increases with temperature in the same manner as established by Kittel for oxide glasses (Phys. Rev. v. 75, 972, 1949). A factor worthy of attention is that the vitreous state does not exhibit the same decrease in thermal conductivity as is characteristic of solid solutions of semiconductors in the crystalline state. Analysis shows that the ob-

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L 65241-65

ACCESSION NR: AP5012593

9

served value of the thermal conductivity of the As_2S_3 and As_2Se_3 glasses in a lower limit, imposed by the mean free path of the phonons. This explains the experimentally observed facts. "The authors thank L. Gridnyuk and M. Nayvirtova for help with the experiments." Orig. art. has: 1 figure, 1 formula, and 1 table.

ASSOCIATION: Fiziko-tekhnicheskiy institut im. A. F. Ioffe AN SSSR, Leningrad (Physicotechnical Institute, AN SSSR) 44 55

SUBMITTED: 30Dec64

ENCL: 00

SUB CODE: MT, TD

NR REF SOV: 007

OTHER: 001

mb
Card 2/2

BORDUKOVA, M.V., kand. sel'khoz. nauk; MEL'NIKOV, V.A., kand. sel'-
khoz. nauk; KOMKOVA, M.N., kand. sel'khoz. nauk; ALEKSEYEV,
L.Z., agronom; MAKSIMOVA, S.A., agronom; PAVLEYEV, V.V.,
agronom; KHAYKEVICH, A.M., agronom; BYKOVA, M.G., red.;
DEYEVA, V.M., tekhn. red.

[Handbook for the potato grower] Spravochnik kartofelevoda.
Moskva, Sel'khozizdat, 1962. 335 p. (MIRA 16:2)
(Potatoes)

GINZBURG, F.S.; TSVETAYEVA, Ye.M.; ~~PAYATSYK, V.V.~~, redaktor; BENENSON, A.N.,
redaktor; ROZEN, E.A., tekhnicheskii redaktor

[Let us increase the production of potatoes and vegetables; an
annotated bibliography] Uvelichim proizvodstvo kartofelia i ovoshchei;
annotirovannyi ukazatel' literatury. Moskva, Gos. izd-vo kul'turno-
prosvetitel'noi lit-ry, 1956. 36 p. (MLRA 9:11)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni
V.I. Lenina.

(Bibliography--Potatoes)

(Bibliography--Vegetable gardening)

1. PAYATSYK, V. V.
2. USSR (600)
4. Vegetable Gardening
7. Ways for further increasing vegetable and potato gardening.
Sad i og. no. 11, 1952
9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

PAYBERDIN, Mikhail Vasil'yevich; DANILOV, M.D., red.

[Wild rose] Shipovnik. Moskva, Goslesbunizdat, 1963. 155 p.
(MIRA 17:5)

LEBERDEV, Aleksey Dmitriyevich, kand.khim.nauk; PAYBERDIN, Mikhail Vasil'yevich, dotsent; DANILOVA, V.M., red.; DANILOVA, Ye.M., tekhred.

[Vitamins and their natural resources] Vitaminy i ikh prirodnye resursy. Ioshkar-Ola, Mariiskoe knizhnoe izd-vo, 1959. 104 p.

(MIRA 13:6)

1. Povolzhskiy lesotekhnicheskii institut im. M.Gor'kogo (for Payberdin).

(VITAMINS)

(MARI A.S.S.R.--ROSES)

GORODILOV, Yu.; SUKHOV, V.; PAYBARSHEV, A., inzh.

Valuable attachment. Zemledelie 26 no.8:90 Ag '64.

(MIRA 17:11)

1. Glavnyy inzhener Novotor"yal'skogo ob"yedineniya "Sel'khoz-
tekhnika" Mariyskov ASSR (for Gorodilov). 2. Glavnyy inzhener
Novotor"yal'skogo proizvodstvennogo upravleniya Mariyskoy ASSR
(for Sukhov). 3. Kolkhoz "Pervoye Maya" Novotor"yal'skogo pro-
izvodstvennogo upravleniya Mariyskoy ASSR (for Paybarshev).

PAYCHADZE, B.V., Sci. Co-worker
Georgian Sci.-Research Vet. Inst.

"On the prophylactic action of DDT in creolin baths in
hemosporidiosis of sheep."
SO: Veterinariya 28(3), 1951, p. 25(?)

PAICHADZE, B. V., Sci. co-worker
Georgian Sci.-Res. Vet. Inst.

"Use of DDT and hexachloran in creolin base in the fight against
pasture ticks."

SO: Veterinariia 28(9), 1951, p. 46

PAYCHADZE, B. V.

Cand. Vet. Sci.

Sheep - Diseases

Single method for the control of Haemosporidia and mange in sheep on grazing lands.
Veterinariia 29 no. 3, 1952.

Geo Sci Res. Vet. Inst

9. Monthly List of Russian Accessions, Library of Congress, July 1954, ₂ Unclassified.

PAYCHADZE, B.V., kandidat veterinarnykh nauk.

Natural immunization as prevention against infestation by Haemosporidia in raising sheep on range pastures. Veterinariia 31 no.3
40-42 Mr '54. (MLRA 7:2)

1. Gruzinskiy nauchno-issledovatel'skiy veterinarnyy institut.

PAYCHADZE, B.V., kand.vet.nauk

Controlling hemosporidian infections in sheep raised on the range.
Veterinariia 35 no.5:37-39 My '58. (MIRA 12:1)

1. Gruzinskiy nauchno-issledovatel'skiy institut zhivotnovodstva i
veterinariii.

(Hemosporidia) (Sheep--Diseases and pests)

PAYCHADZE, B.V., kand.vet.nauk

Enzootic ataxia in lambs. Veterinariia 36 no.1:42-43 Ja '59.
(MIRA 12:1)

1. Gruzinskiy nauchno-issledovatel'skiy institut zhivotnovodstva
i veterinarii.

(Lambs---Diseases and pests)

(Ataxia)

PAIKIN, D. M.

PAIKIN, D. M. "Electro-physical Method of Identification of Int Diseases,"
Vestnik Zashchity Iustitsii, no. 1, 1941, pp. 139-141. 4.21
P942

SO: SERA SI-90-53, 15 Dec. 1952

PAYKIN, D. M.

PA 17173

USSR/Biology - Insects
Insecticides

Jul 50

"Results of Testing Thlophos in the Control of
Pests of the Pentatomidae Family," D. M. Paykin,
All-Union Sci Res Inst for Protection of Plants

"Dok v-s Ak Selkhoz Nauk" No 7, pp 33-35

Results of 1949 field and laboratory tests with
1% talc dust prepn of subject poison produced
by Sci Inst of Fertilizers and Insectofungicides
Lening Ya. V. Samoylov were favorable. Found
to do some damage to cucumber leaves. Temper-
ature was factor most affecting loss of toxicity.

17173

USSR/Biology - Insects (Contd)

Jul 50

Higher the temperature, sooner toxicity is lost.
Tested other organophosphorus compounds and
found to have similar effective properties. Sub-
mitted 19 Apr 50

17173

PAYKIN, D. M.

Grain--Diseases and Pests

Extermination of eurgaster. Nauk i zhizn' No. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1952 Uncl.

PAYKIN, D.

Insecticides

War on parasites- Mol. kolkh. no. 7, 1952

Monthly List of Russian Accessions, Library of Congress, November 1952 UNCLASSIFIED

PAYKIN, D. M.

PA 233T2

USSR/Agriculture - Extermination of Insect Pests Sep 52

"Microbes for Use Against Harmful Insects,"
D. M. Paykin, Cand Agr Sci

"Nauka i Zhizn'" Vol 19, No 9, p 31

Microorganisms are used in agriculture in order to exterminate insect pests. USSR scientists have developed methods for isolating such microorganisms. *Empusa muscae* fungi are pathogenic to houseflies and *Empusa grilli* fungi are pathogenic to locusts. White, green, and red mucorine mold fungi kill harmful insects that occur

233T2

in the soil and may be used to infect insect pests. Harmful caterpillars perish on being infected with bacteria which cause flacherie, while other insect pests are susceptible to virus diseases (e. g., polyhedria). Useful insects (bees, silkworms) are also affected by such diseases; USSR scientists have developed methods of treating useful insects by adding drugs to the food and controlling the nutrition and environment.

233T2

USSR/Agriculture - Spraying

Card 1/1 Pub. 77 - 13/23

Authors : Paykin, D. M., Cand. Agri. Sci.; and Dunskiy, V. F., Cand. Tech. Sci.

Title : Gas duster

Periodical : Nauka i Zhizn' 21/10, page 30, Oct 1954

Abstract : A description is given of an apparatus for blowing powdered insecticides over a field, the novelty of the device consisting in the fact that it uses the exhaust gases from the engine of the truck instead of a separate compressor to blow out the powder. Illustrations.

Institution : ...

Submitted : ...

"Investigation of Some Organic Compounds"
paper presented at the First Conference on Inorganic Compounds,
Kazan, 2-1 Dec 47

SO: B-3, 14, 141

PAY I:

"The Intelligence of Operations for the C
Activity for the Project of the Central Intelligence Agency
Presented at the First Conference on the Intelligence of
Iran, 4-1 Dec 57

G: B-1, B-4, B-7

PAVIN et al, D. W.

"Fillers for Organophosphorous Dust Used for Control
of Insect Vectors"
Paper presented at 1st World Conference on Organophosphorous Compounds,
Kanan, 1- Dec 57

3: B-2, 14, 241

USSR / General and Specialized Zoology. Insects. Harmful Insects
and Acarids. Chemical Methods in the Control of Harmful
Insects and Acarids.

Abs Jour : Ref Zhur - Biol., No 18, 1958, No. 82955

Author : Paykin, D. I.; Shabanova, M. P.; Gampor, N. M.;
Efimova, L. F.

Inst : The All-Union Institute for the Protection of Plants
Title : The Insecticide Properties of Diethyl (Mecaptoethyl)
Ethylidithiophosphate (Preparation M-74)

Orig Pub : Tr. Vses, in-ta zashchity rast., 1956, vyp. 7, 78-86

Abstract : Preparation of M-74 possesses high contact insecticide
properties. DL₉₅ and DL₁₀₀ for the adult harmful
stinkbugs (*Eurygaster integriceps*) and the maritime mealy
bug, were found to be equal to, respectively, for M-74,
0.0005 and 0.005%; for thiophos, 0.005 and greater than
0.025%; for mecaptophos, greater than 0.05 and 0.015%

Card 1/3

P-1510.12.M

KABACHNIK, M.I.; MASTRYUKOVA, T.A.; SHOSTAKOVSKIY, M.P.; PRILSHAYEVA, Ye.N.;
PAYKIN, D.M.; SHABANOVA, M.P.; GAMPER, N.M.

5.12.77-780 1956

Organophosphorus insecticides. O,O-diethyl - β - ethylmercapto-
ethylthiophosphate (M-74) and its analogues. Dokl. AN SSSR. 109
no.4:777-780 Apr 1956. (MLRA 9:10)

1. Chlen-korrespondent Akademii nauk SSSR (for Kabachnik). 2. Institut
elementoorganicheskikh soyedineniy Akademii nauk SSSR. 3. Vsesoyuznyy
nauchno-issledovatel'skiy institut sashchity rasteniy Vsesoyuznoy
Akademii sel'skokhozyaystvennykh nauk imeni Lenina. 4. Institut organi-
cheskoy khimii imeni Zelinskogo Akademii nauk SSSR.
(Thiophosphates)

KABACHNIK, M.I.; MASTRYUKOVA, T.A.; POLIKARPOV, Yu.M.; PAVKIN, D.M.;
SHABANOVA, M.P.; GAMPER, H.M.; YEFIMOVA, L.F.

Organophosphorus insecticides. Some analogues of O, O-diethyl - β -
ethylmercaptoethylidithiophosphate. (M-74), less toxic for the
warmblooded. Dokl. AN SSSR 109 no.5:947-949 Ag. 1956.

(MIRA 9:10)

1. Chlen-korrespondent Akademii nauk SSSR (for Kabachnik). 2. Institut
elementoorganicheskikh soedineniy Akademii nauk SSSR i Vsesoyuznyy
institut vashchity rasteniy Vsesoyuznoy Akademii sel'skokhozyaystven-
nykh nauk imeni Lenina.

(Thiophosphates)

PAYKIN, D. M., doktor sel'skokhoz. nauk

Express method for determining damages caused by the shield
bug Eurygaster integriceps to grain. Zashch. rast. ot vred.
1 bol. 5 no.5:47-48 My '60. (MIRA 16:1)

(Eurygasters) (Wheat—Diseases and pests)

PAYKIN, D.M.; STAROSTIN, S.G.; MENDE, P.F.; KUZNETSOV, K.P.;
POPOVA, M.I.; PESHKOV, V.G.

Mist spraying of chlorophos against the shield bug *Eurygaster*
integriceps. Zashch. rast. ot vred. i bol. 7 no.2:20-21
F '62.

(Chlorophos) , (Eurygasters)
(Spraying and dusting)

(MIRA 15:12)

PAYKIN, D.M.

USSR/General and Special Zoology - Insects.

P.

Abs Jour : Ref Zhur - Biol., No 7, 1958, 30584

Author : Paykin, D.M., Shabanova, M.P., Hamper, H.M., Yefimova, L.F.

Inst X :

Title : Insecticidal Properties of Certain Organic Phosphorus Combinations.

Orig Pub : V sb.: Khimiya i primeneniye Fosfororgan. soyedineniy. M., AN SSSR, 1957, 408-419

Abstract : The following chemicals were tested for their contact action on the harmful eurygaster and the larvae of the sea farinaceous scale insects in the laboratories of the All-Union Institute for the Protection of Plants. Twenty four ethers of phosphoric and thiophosphoric acids, derivative ethers of thiophosphoric acid and four disulphides, ten ethers of thiophosphoric, dithiophosphoric and thiophosphoric acids (all the above listed combinations were less toxic than thiophos), eight ethers of

Card 1/2 * VIZR, Leningrad

PAYKIN, D. M.

USSR/General and Special Zoology. Insects. Injurious
Insects and Ticks. Pests of Cereal Crops

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49589

Author : Paykin D.M., Shapiro I.D.

Inst : AS USSR

Title : An Experiment in the Use of Organic Phosphorus
Compounds of Systemic Action for the Protection
of Corn Sprouts Against Pests.

Orig Pub : V sb.: Khimiya i primeneniye fosfororgan. soedin-
eniy. M., AN SSSR, 1957, 485-490

Abstract : Soaking of corn seeds in 1% emulsions of mercap-
tophos and preparation M-74 prior to planting de-
creased the damage to the plants by wireworms and
larvae of the Swedish fly on the 35th day since the
beginning of the planting, and 12.5-14.3% dead and
paralyzed larvae of the Swedish fly were found in
the stems. Spraying with 1% emulsions of the same
preparations somewhat decreased the number and

Card : 1/3

USSR/General and Special Zoology. Insects. Injurious
Insects and Ticks. Pests of Cereals Crops

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49589

was more lasting. -- A.P. Adrianov

Card : 3/3

PAYKIN, D.M.; GALAKHOV, P.N.

New organic phosphorus and chlorine compounds. Nauka i ~~pered.~~ op. v
sel'khoz. 7 no.2:41-43 F '57. (MLRA 10:3)

1. Starshiy nauchnyy sotrudnik Vsesoyuznogo instituta zashchity
rasteniy.

(Insecticides) (Fungicides)

PAYVIN, D.M., Doc Agr Sci -- (diss) "Theoretical ~~principles of~~
~~the control of~~ the harmful *curygaster*." Len, 1958,
31 pp. (Min of Agr USSR. Len Agr Inst) ¹⁵⁰ copies, List
of author's works at end of text (KL, 32-58, 109)

- 14 -

PAYKIN, D.M., kand.sel'skokhozyaystvennykh nauk

Don't slacken in the control of shield bugs. Zashch.rast.ot vred.
1 bol. 3 no.2:22-24 Mr-Ap '58. (MIRA 11:4)
(Burygasters)

PAYKIN, D.M., kand. sel'skokhozyaystvennykh nauk; NOVOZHILOV, K.V., kand.
sel'skokhozyaystvennykh nauk.

Factors of the effectiveness of DDT in controlling shield bug
Eurygaster integriceps Put. Trudy VIZR no.9:101-144 '58.

(MIRA 12:1)

(Eurygasters) (DDT (Insecticide))

PAYKIN, D.M., kand. sel'skokhozyaystvennykh nauk.

Principles and results of applying harvesting by stages for the
control of the shield bug *Eurygaster integriceps* Put. Trudy VIZR
no.9:225-232 '58. (MIEA 12:1)
(Eurygasters)
(Grain--Harvesting)

AUTHORS: Kabachnik, M. I., Godovikov, N. N., SOV/79-28-6-30/63
Paykin, D. M., Shabanova, M. P., Gamper,
N. M., Yefimova, L. F.

TITLE: Insecticides of Organophosphorus Compounds - Some
Derivatives of Methylthiophosphinic - and Methylthio-
phosphinic Acids (Fosfororganicheskiye insektitsidy,
nekotoryye proizvodnyye metiltiofosfinovoy i
metilditiofosfinovoy kislota)

PERIODICAL: Zhurnal obshchey khimii, 1958, Vol. 28, Nr 6, pp.
1568 - 1573 (USSR)

ABSTRACT: The majority of phosphorus organic insecticides are
derivatives of thiophosphoric-, dithiophosphoric - and
pyrophosphoric acids (Refs 1 - 3). In publications also a
few insecticides are described which are derivatives of
phosphinic- and dithiophosphinic acids; among them are the
methylphosphinates and methylthiophosphinates. The latter
contain substituted aryl groups (Ref 4), the ethylxanthoyl-
group, as well as other groups (Refs 4,5) and the
O-ethyl-O-p-nitrophenylester of phenylthiophosphinic acid
("E.P.N.") (Ref 6). This ester is the only insecticide

Card 1/3

Insecticides of Organophosphorus Compounds - Some
Derivatives of Methylthiophosphinic - and
Methyldithiophosphinic Acids

SOV/79-28-6-30/63

of the series of thiophosphinic acids which is of practical importance. Therefore it was of interest to the authors to synthesize derivatives of alkylthio- and alkylthiophosphinic acids which have ester groupings analogous to those of well-known insecticides of thiophosphoric- and dithiophosphoric acid. The authors obtained from the dichloroanhydride of methylthiophosphinic acids the chloroanhydrides of the acid esters of methylthiophosphinic acid with methoxy-, ethoxy- and propoxygroups. Derivatives of methylthiophosphinic- and methyldithiophosphinic acid with groupings corresponding to well-known insecticides (Tiofos, Metafos, Karbofos, Potazan and Sistoks) were synthesized. The insecticide properties of the synthesized compounds were investigated in the laboratory using the autumn bugs on the plant "Eurygaster intergriceps Put" as well as the fullgrown caterpillars on the plant "Pseudococcus maritimus Ehrh". The insecticide effect of the mentioned synthesized compounds did not correspond to the activity of the known insecticides

Card 2/3

Insecticides of Organophosphorus Compounds - Some
Derivatives of Methylthiophosphinic- and
Methyldithiophosphinic Acids

SOV/79-28-6-30/63

of thiophosphoric- and dithiophosphoric acids. Only the
preparation Gd-18 (a metaphos. analog) exceeds the effect
of Metafos (Metafos) in its application against the bug
of the first mentioned plant. There are 3 tables and
8 references, 3 of which are Soviet.

SUBMITTED: April 29, 1957

1. Insecticides--Synthesis 2. Phosphorous compounds (organic)
--Synthesis

Card 3/3

PAYKIN, D.M., kand. sel'skokhoz. nauk; NOVOZHILOV, K.V., kand. sel'skokhoz. nauk; MEDE, P.F., kand. sel'skokhoz. nauk

Chemical method for controlling the cutworm *Hadena basilinea*.
Zashch. rast. ot vred. i bol. 4 no. 2:19-20 Mr-Apr '59.

(MIRA 16:5)

(Kustanay Province—Cutworms—Extermination)

DUNSKIY, V.F.; PAYKIN, D.M.

High-power mist sprayer. Zashch.rast.ot vred. 1 bol. 4 no.4:15-16 '59.
(MIRA 16:5)

(Spraying and dusting equipment)

5(3)

AUTHORS: Kabachnik, M. I., Golubeva, Ye. I., SOV/79-29-5-57/75
Paykin, D. M., Shabanova, M. P., Gamber, N. M., Yefimova, L. F.

TITLE: Organophosphorus Insecticides (Fosfororganicheskiye
insektitsidy). β -Fluoroethyl Ester of the Acids of
Phosphorus (β -Ftoretilovyye efiry kislota fosfora)

PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 5, pp 1671-1680 (USSR)

ABSTRACT: The following compounds were prepared: β -fluoro-triethyl-
-phosphite (Ye-11), β - β' -difluoro-triethyl-phosphite (Ye-20),
 β , β' -difluoro-diethyl-phosphite (Ye-17), β -fluoro-triethyl-
-phosphate (Ye-32), β -fluoro-triethyl-thione-phosphate (Ye-3),
 β , β' -difluoro-triethyl-thione-phosphate (Ye-12), β , β' -fluoro-
-diethyl-thione-phosphate (Ye-30), O,S-diethyl-O- β -fluoroethyl-
-thiophosphate (Ye-18), O,O-diethyl-S- β -fluoroethyl-
-thiolphosphate (Ye-31), O,O-diethyl-S- β -fluoroethyl-
-dithiophosphate (Ye-33), β -fluoro-ethyl-dichloro-thione-
-phosphate (Ye-49), β -fluoro-diethyl-chloro-thione-phosphate
(Ye-48), β -fluoro-diethyl-4-nitrophenyl-thione-phosphate
(Ye-50), O,O- β -fluoro-diethyl- α , β -dicarbethoxy-ethyl-
-dithiophosphate (Ye-51), β -fluoro- β' -ethyl-mercapto-triethyl-
thione-phosphate (Ye-52), β -fluoro-diethylethyl-phosphinate

Card 1/3

Organophosphorus Insecticides. β -Fluoroethyl Ester of the SOV/79-29-5-57/75
Acids of Phosphorus

(Ye-9), β -fluoro-diethyl-methyl-phosphinate (Ye-19), β, β' -difluoro-diethyl-methyl-phosphinate (Ye-28), β, β' -difluoro-diethylmethyl-thione-phosphinate (Ye-29), β -fluoroethyl-methyl-chloro-thione-phosphinate (Ye-13), β -fluoro- β' -ethyl-mercapto-diethyl-methyl-thione-phosphinate (Ye-25), β -fluoroethyl-n-nitro-phenyl-methyl-thione-phosphinate (Ye-27), O- β -fluoroethyl-S- α, β -dicarbalkoxy-ethyl-methyl-dithiophosphinates (Ye-14, Ye-15, Ye-16), monomethyl-methyl-thione-phosphinate (Ye-37), O-ethyl-S- β -fluoro-ethyl-methyl-thiolphosphinate (Ye-38), O-methyl-S- β -fluoro-ethyl-methyl-thiophosphinate (Ye-39), O- β -fluoro-diethyl-methyl-monothiophosphinate (Ye-10), O-ethyl-S- β -fluoroethyl-methyl-dithiophosphinate (Ye-35), O-methyl-S- β -fluoro-ethyl-methyl-dithiophosphinate (Ye-36). Boiling point, refraction of light, density and chemical composition as well as the course of synthesis and the yield are given. The toxic properties were tested on *pseudococcus maritimus* Ehr. and on *Calliptamus italicus* L. (Table). Only the preparations Ye-31 and Ye-36 showed insecticidal effect which is equal to that of Thiophos and Mercaptophos. There are 1 table and 15 references, 11 of

Card 2/3

Organophosphorus Insecticides. β -Fluoroethyl Ester SOV/79-29-5-57/75
of the Acids of Phosphorus

which are Soviet.

ASSOCIATION: Institut elementoorganicheskikh sovedineniy Akademii nauk
SSSR (Institute of Elemental Organic Compounds of the
Academy of Sciences, USSR)

SUBMITTED: February 6, 1958

Card 3/3

5 (3)

AUTHORS:

Kabachnik, M. I., Golubeva, Ye. I., SOV/11-21-11
Paykin, D. M., Shabanova, T. P., Gamper, A. M., Yeliseyeva, L. I.

TITLE:

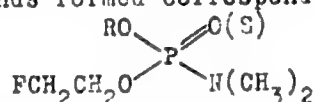
Organophosphorus Insecticides (Fosfororganicheskiye
insektitsidy). Some Esteramides of the Acids of Phosphorus
Containing β -Fluoro-ethyl Groups (Nekotoryye efiroamidy kislot
fosfora, soderzhashchiye β -ftoretilye grupy)

PERIODICAL:

Zhurnal obshchey khimii, 1959, Vol 29, Nr 5,
pp 1680-1683 (USSR)

ABSTRACT:

The compounds formed correspond to the formula type



The following compounds were produced: methyl- β -fluoro-ethyl-
chloro-phosphate (Ye-40), the corresponding ethyl-(Ye-41),
isopropyl-(Ye-43), and isobutyl-(Ye-46) compounds. Di- β -fluoro-
diethyl-chloro-phosphate (Ye-21), methyl- β -fluoro-ethyl-
dimethyl-amidophosphate (Ye-44), the corresponding ethyl-
(Ye-42), isopropyl-(Ye-45), and isobutyl-(Ye-47) compounds.
 β -fluoro-diethyl-dimethylamido-thionephosphate (Ye-53).

Card 1/2

Organophosphorus Insecticides. Some Esteramides of
the Acids of Phosphorus Containing β -Fluoro-ethyl Groups

SOV/79-29-5-50/75

The preparation is described; boiling temperature, refraction, density, and composition are presented in tables (Tables 1 and 2). The toxic properties were tested with *Pseudococcus* *maritimus* Ehr. and *Calliptamus italicus* L. The compounds produced have only a weak insecticidal effect. There are 3 tables and 2 Soviet references.

ASSOCIATION: Institut elementoorganicheskikh sovedineniy Akademii nauk
SSSR (Institute of Elemental-organic Compounds of the
Academy of Sciences USSR)

SUBMITTED: February 6, 1958

Card 2/2

5 (3)

AUTHORS:

Kabachnik, M. I., Godovikov, N. N., SOV/79-29-7-19/83
Paykin, D. M., Shabanova, M. P., Yefimova, L. F., Gamper, N. M.

TITLE:

Organophosphorous Insecticides (Fosfororganicheskiye insektitsidy).
VI. Amidoesters of the Thio- and Dithiophosphoric Acids
Containing a β -Ethyl Mercapto Ethyl Grouping (VI. Amidoefiry
tiofosfornoy i ditiolosfornoy kislota, sodержashchiye β -etil-
merkaptotetil'nyuyu gruppirovku)

PERIODICAL:

Zhurnal obshchey khimii, 1959, Vol 29, Nr 7, pp 2182-2190 (USSR)

ABSTRACT:

In 1936 G. Schrader (Ref 1) discovered the insecticide
properties of the phosphoric- and thiophosphoric acid amides.
The derivatives of the dialkyl amido- and dialkyl amidothio-
phosphoric acid of the type



, where R and R'

denote alkyls and Ac substitutes of acyl character such as Cl,
F, CN, CNO, CH_2COO and others, which he synthesized show

contact insecticide properties of vegetative effect. Other
compounds of similar type with the phenyl- (Refs 1, 2), azide
(Ref 3), and other groups (Refs 4-7) followed. Most of the

Card 1/3

Organophosphorous Insecticides. VI. Amidoesters of SOV/79-29-7-19/83
the Thio- and Dithiophosphoric Acids Containing a β -Ethyl Mercapto Ethyl
Grouping

insecticides of phosphoric acid have only a weak contact- and a strong vegetative effect. Some of them are used in practical applications (Ref 8). On the other hand, it was of interest to examine this activity in the amido esters of thiophosphoric and dithiophosphoric acid with a β -ethyl mercapto ethyl grouping since it could be assumed that they would also show a strong vegetative activity. These esters have hitherto remained unknown with few exceptions (Refs 11, 12). The compounds (I), (II), and (III), the first two of which were obtained as acid chlorides according to scheme 3, were used as initial products for these amido esters. In reacting the above acid chlorides with β -oxydiethyl sulphide in the presence of powder sodium hydroxide the thiophosphates (Gd-50), (Gd-52), and (Gd-64) (Scheme 4) resulted. The compounds obtained were isomerized into the thiophosphates (Gd-53), (Gd-54), and (Gd-66) at 160-170° during 8-10 hours (Scheme 5). Moreover, the thiophosphates (Gd-55) and (Gd-56) were synthesized by the reaction according to scheme 6. The constants and yields of the new insecticides are listed in table 1 (details are given in the

Card 2/3

Organophosphorous Insecticides. VI. Amidoesters of the SOV/79-29-7-19/83
Thio- and Dithiophosphoric Acids Containing a β -Ethyl Mercapto Ethyl Grouping

experimental part and in tables 2 and 3). In heating tetramethyl diamidochlorophosphate with P_2S_5 tetramethyl diamidothiophosphate is formed by replacement of the oxygen atom by sulphur. Some amido esters such as (Gd-53), (Gd-54), and (Gd-56) show a vegetative activity against spinning-mites. There are 3 tables and 17 references, 11 of which are Soviet.

ASSOCIATION: Institut elementoorganicheskikh sovedineniy Akademii nauk SSSR
(Institute of Elemental Organic Compounds of the Academy of Sciences, USSR)

SUBMITTED: June 20, 1958

Card 3/3

PAYKIN, D.M., doktor sel'khoz. nauk; SHAPIRO, I.D., nauchnyy red.; VOROB'YEV, G.S., red. izd-va; GURDZHIYEVA, A.M., tekhn. red.

[Recent developments in the protection of agricultural plants against pests] Novoe v zashchite sel'skokhoziaistvennykh rastenii ot vrednykh organizmov. Leningrad, Ob-vo po raspr. polit. i nauchn. znaniy RSFSR, Leningr. otd-nie, 1960. 50 p. (MIRA 14:7)
(Agricultural pests) (Fungicides) (Insecticides)

PAYKIN, D.M., doktor sel'skokhoz.nauk; SAZONOVA, I.N., kand.sel'skokhoz.
nauk

Poisons for controlling soil-inhabiting pests. Zashch.rast.ot
vred.i bol. 5 no.2:39-40 F '60. (MIRA 15:12)
(Soil fauna) (Field crops—Diseases and pests)
(Insecticides)

KABACHNIK, M.I.; ROSSIYSKAYA, P.A.; SHABANOVA, M.P.; PAYKIN, D.M.;
YKIMOVA, L.P.; GAMPKER, N.M.

Phosphoreorganic insecticides. Derivatives of β -dicarbonyl
compounds. Zhur.ob.khim. 30 no.7:2218-2223 J1 '60.
(MIRA 13:7)

1. Institut elementoorganicheskikh soedineniy Akademii
nauk SSSR.
(Insecticides) (Phosphorus organic compounds)

MASTRIUKOVA, T.A.; GEFTER, Ye.L.; KAGAN, Yu.S.; PAYKIN, D.M.; SHABANOVA,
M.P.; GAMPER, N.M.; YEFIMOVA, L.F.; KARACHNIK, M.I.

Phosphoroorganic insecticides. 3-Chlorobutenyl-2-phosphates and
thiophosphates. Zhur. ob. khim. 30 no.9:2813-2816 S '60.

(MIRA 13:9)

1. Institut elementoorganicheskikh soedineniy Akademii nauk SSSR.
(Insecticides)

PAYKIN, David Mikhaylovich, prof., doktor sel'khoz. nauk; REUTSKAYA,
O.Ye., red.; BARANOVA, L.G., tekhn.red.

[The shield bug Eurygaster integriceps] Vrednaia cherepashka.
Leningrad, Sel'khozizdat, 1961. 84 p. — (MIRA 16:1)
(Eurygasters)

PATKIN, D.M., prof.; SAZONOVA, I.N., kand.sel'skokhoz.nauk

Possibilities of using chlorophos. Zashch. rast. ot vred. i bol.
6 no.7:36-37 J1 '61. (MIRA 16:5)

1. Vsesoyuznyy institut zashchity rasteniy.
(Chlorophos) (Eurygasters--Extermination)

PAYKIN, D.M., prof.

For efficient measures in controlling the shield bug
Eurygaster integriceps. Zashch. rast. ot vred. i bol. 6
no.10:30-31 0 '61. (MIRA 16:6)

1. Vsesoyuznyy institut zashchity rasteniy.
(Eurygasters--Extermination)

PAYKIN, D.M., prof.

International seminar on the shield bug Eurygaster integriceps.
Zashch. rast. ot vred. i bol. 6 no.11:58 N '61.

(MIRA 16:4)

(Eurygastera)

PAYKIN, D.M., prof., doktor sel'skokhozyaystvennykh nauk

New insecticides and fungicides in plant protection. Zemledelie
23 no.10:35-40 0 '61. (MIR, 14:9)
(Fungicides) (Insecticides)

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Khimiya i Primeneniye Sverforganicheskikh Soedineniy (Chemistry and Application of Organophosphorus Compounds) A. Ye. Arbusov, Ed. publ. by Kazan' Affil. Acad. Sci. USSR. Moscow, 1962 636pp.

Collection of complete papers presented at the 1959 Kazan Conference on Chemistry of Organophosphorus Compounds.

PAYKIN, D.M.

Biological foundation of the contemporary system of measures
against the invasion of Eurygaster integriceps. Vop. ekol. 7:
126-128 '62. (MIRA 16:5)

1. Vsesoyuznyy institut sashchity rasteniy, Leningrad.
(Eurygasters--Extermination)

PAYKIN, D.M., prof.

"Zoologists of the Soviet Union." Reviewed by D.M.Paikin. Zashch.
rast. ot vred. i bol. 7 no.3:62 Mr '62. (MIRA 15:11)
(Plants, Protection of)

PAYKIN, D.M., doktor sel'skikh. nauk

Let's save billions. IUn. nat. no.5:7 My '63. (MIRA 16:7)

(Plants, Protection of)

PAYKIN, D.M., doktor sel'skokhoz.nauk, prof.

Some new chemical agents for plant protection. Biul.tekh.-ekon.
inform.Gos.nauch.-issl.inst.nauch.i tekh.inform. no.12:11-15 '63.
(MIRA 17:3)

ACC NR: A76024003

SOURCE CODE: UR/0413/66/000/014/0024/0024

INVENTOR: Sanin, P. I.; Shpeleva, Ye. S.; Morodach, M. S.; Myannik, A. O.;
Kagan, Yu. S.; Gel'fer, A. P.; Poykin, D. M.; Gamber, N. M.

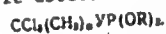
ORG: none

TITLE: Preparation of esters of phosphoric and thiophosphoric acids. Class 12,
No. 183751 [announced by Institute of Petrochemical Synthesis, AN SSSR (Institut
neftekhimicheskogo sinteza AN SSSR)]

SOURCE: Izobret prom obraz tov zn, no. 14, 1966, 24

TOPIC TAGS: insecticide, chloroalkyl phosphate, chloroalkyl thiophosphate, water,
phosphoric acid

ABSTRACT: In the proposed method for the preparation of herbicides, the phosphoric and thiophosphoric esters of the general formula:



X

(where X and Y are O or S; n = 1, 4, 6, 8; and R is an alkyl) are
obtained by the reaction of trichloroalkyl alcohols with tetrachloro-
alkanes [sic]. [WA-50; CBE No. 11]

SUB CODE: 07/ SUBM DATE: 21Jun65/

UDC: 547.26'118.07

Card 1/1

PAYKIN, David Mikhaylovich

[Aerocemical protection of plants from pests and diseases
Aviatsionno-khimicheskaya zashchita rastenii ot vreditel'nykh
i boleznei. Leningrad, Kolos, 1965. 188 p.

(MIRA 19,1)

PAYKIN, D. M.

"On the system of effective control of *Eurpaster integriceps* Put. (Heteroptera)." report submitted for 12th. Intl Cong of Entomology, London, "1" Jul. 64.

BLYAKHEROVA, R.M.; PISARENKO, G.S.; SIDORENKO, M.S.; FRUTSKOVA,
M.G.; SAMSONOV, M.M.; KRAVTSOVA, B.Ye.; LYUBARSKIY, L.I.;
SUDNOV, P.Ye.; PAYKIN, D.M.; KRYLATOVA, G.A., red.

[Recommendations for the production of strong and durum
wheat] Rekomendatsii po proizvodstvu zerna sil'nykh i tver-
dykh pshenits. Moskva, Izd-vo "Kolos," 1964. 63 p.

(LIRA 17:6)

1. Russia (1923- U.S.S.R.) Ministerstvo sel'skogo khozyaystva.
Upravleniye nauki, propagandy i vnedreniya peredovogo opyta.
2. Ministerstvo sel'skogo khozyaystva SSSR (for Blyakherova,
Pisarenko, Sidorenko).
3. Gosudarstvennaya korissiya p sorto-
ispytaniyu sel'skokhozyaystvennykh kul'tur pri Ministerstve
sel'skogo khozyaystva U.S.S.R. for Frutskova, Samsonov).
4. Vsesoyuznyy nauchno-issledovatel'skiy institut zerna i
produktov yego pererabotki (for Kravtsova, Lyubarskiy, Sudnov).
5. Vsesoyuznyy institut zashchity rasteniy (for Paykin).

PAYKIN, E., insh.

The RR-24 relay-regulator. Avt.transp. 38 no.1:37-39
Ja '60. (MIRA 13:5)
(Automobiles--Electric equipment)

PAYKIN, I.I., glavnyy vrach.

Struggle for improving the health of workers at the Shatura peat fields.
Sov.med. 17 no.9:41-44 S '53. (MLBA 6:9)

1. Shaturatorfskaya bol'nitsa.
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